

FORM PTO-1449  
(REV. 7-85)  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCUMENT NO.  
4-118-8353B  
APPLICATION NO.  
09/738,212  
APPLICANT  
NEUER ET AL.  
FILING DATE  
DECEMBER 15, 2000

Sheet 2 of 7

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Group  
unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	4,797,273	01/10/89	Linn, et al.	424	59	
	AB	4,798,823	01/17/89	Witzel	514	11	
	AC	4,835,002	05/30/89	Wolf, et al.	426	590	
	AD	4,888,239	12/19/89	Brox	428	402.2	
	AE	4,914,188	04/03/90	Dumont, et al.	530	317	
	AF	4,963,367	10/16/90	Ecanow	424	484	
	AG	4,990,337	02/05/91	Kurihara, et al.	424	427	
	AH	4,996,193	02/26/91	Hewitt, et al.	514	11	
	AI	5,037,653	08/06/91	Dawson	424	405	
	AJ	5,154,754	10/13/92	Damo, et al.	71	DIG.1	
	AK	5,177,110	01/05/93	Oechslein, et al.			
AB	AL	5,206,219	4/27/93	Desai			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AB	AM	2,211,848	07/12/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	2,218,334	11/15/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	2,222,770	03/21/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	2,224,206	05/02/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	2,228,198	08/22/90	UK			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Board, P.G., FEBS Lett., Vol. 315, No. 3, 298-300 (1993).
AB	AS	Carriagan, et al., J. Pharm. Sci., 1973, Vol. 62, pp. 1476-1479.
AB	AT	Cavanak and Suker, Prog. Allergy Vol. 38:65-72 (1986).

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FORM PTO-1448  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
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APPLICATION NO.  
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Sheet 1 of 7

Group  
unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	3,288,824	11/29/66	Mahler, et al.	260	410.6	
	AB	3,813,345	05/28/74	Urton	252	312	
	AC	3,954,967	06/04/76	Urton	424	78	
	AD	4,073,943	02/14/78	Wretlind, et al.	424	358	
	AE	4,146,499	03/27/79	Rosano	252	186	
	AF	4,156,719	05/29/79	Sezaki, et al.	424	177	
	AG	4,388,307	06/14/83	Cavanak	424	177	
	AH	4,567,161	01/18/86	Posanski, et al.	424	199	
	AI	4,695,450	09/22/87	Bauer, et al.	424	168	
	AJ	4,719,239	01/12/88	Muller et al.	514	785	
	AK	4,794,000	12/27/88	Ecanow	424	457	
AB	AL	4,797,272	10/19/98	Linn, et al.	424	59	

## FOREIGN PATENT DOCUMENTS

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AB	AM	1,171,125	11/19/69	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	2,098,865	12/01/82	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	2,206,119	12/29/88	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	2,209,671	05/24/89	UK			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	2,211 408	07/05/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Anon., Research Disclosure 21143 (Nov. 1981), p. 420.
AB	AS	Beyer, et al., Pharmazie in unserer Zeit, Vol. 12(2):55-60 (1983)
AB	AT	Bhargava, et al., Pharmaceutical Technology, 46-54, March 1987.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AB	AA	5,338,761	8/16/94	Nakajima, et al.	A61K		
	AB	5,525,590	6/11/96	Bollinger, et al.			
AB	AC	5,639,724	6/17/97	Cavanak	514	11	
AB	AD	5,756,450	5/26/98	Hahn, et al.	514	9	
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## FOREIGN PATENT DOCUMENTS

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AB	AM	2,230,440	10/24/90	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	135,171	03/27/85	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AO	170,623	02/05/86	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AP	211,258	02/25/87	EP			<input type="checkbox"/>	<input type="checkbox"/>
AB	AQ	256,856	02/24/88	EP			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AR	Coon, et al., Cancer Res., Vol. 51, No. 3, 897-902 (1991).
	AS	Chem. Abstr., 95:225610K, Anon. (1981)
AB	AT	Derwent Abst. 84/069426/12 (1984).

EXAMINER *Alvin Ben*DATE CONSIDERED *7/11/01*

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AB	AA	274,431	7/13/88	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AB	314,689	6/10/89	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AC	315 079	5/10/89	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AD	361,928	04/4/90	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AE	705,601	4/10/96	EP (← Eng. Abstr.)			<input type="checkbox"/>	<input type="checkbox"/>
	AF	86/02,264	4/24/86	PCT (← Trans.) WO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AG	87/01,035	2/26/87	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AH	88/00,059	1/14/88	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AI	90/08537	08/09/90	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AJ	93/20833	10/28/93	PCT WO			<input type="checkbox"/>	<input type="checkbox"/>
	AK	641,356	02/29/84	CH (← Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AL	024,776	04/01/85	JP (Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM	249,918	07/11/86	JP (Abstract + Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AN	61280435	12/01/86	JP (Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AO	895,724	07/28/83	BE (← Partial Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AP	1,209,361	08/12/86	CA			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	3,315,805	11/04/84	DE (← Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AR	2,553,661	04/26/85	FR (← Partial Trans.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
AB	AS	2,642,650	08/10/90	FR (Hahn, USP 5,756,450)			<input type="checkbox"/>	<input type="checkbox"/>
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Sheet 5 of 7

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Derwent Abst. 92/235,168/29 (1989).
	AB	Derwent Abst 92/216,793/26 (1990).
	AC	Ekman, S., Lipids 22: 657-663 (1987).
	AD	Frazer, et al., J. Physiol. (1944) Vol. 103, pp. 306-316.
	AE	Froemming, et al., Acta Pharm. Technol., Vol. 36, No. 4, 214-220 (1990).
	AF	Hahn, Biodegradeble Tensides, 1-196, Basel University, Switzerland (1988) (Translation).
	AG	Jayakrishnan, et al., J. Soc. Cosmet. Chem. 34:335-350 (1983).
	AH	The Merck Index, 9th Ed., Merck & Co., Inc., Rahway, N.J. p. 1017 (1976).
	AI	Kraus, et al., Acta Pharm. Technol., Vol. 36, No. 4, 221-225 (1990).
	AJ	Mizushima, 86-335,072/51 (4/26/85) (Derwent Abstr).
	AK	Mubarak, Development and Testing of New Microemulsions, 1-51 (1982) (Translation).
	AL	Muller, et al., Pharm. Ind. 50(11), 1301-1306 (1988)
	AM	Muller, et al., Pharm. Ind. 50(3): 370-375 (1988)
AN	AN	Pohler, Micro-Emulsion Gels Structural Investigations and Galenical Properties, 1-100 (1983) (Translation).

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7/10/01

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FILING DATE  
DECEMBER 16, 2000Group  
unassigned

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Remington's Pharmaceutical Sciences (17th ed.). Microemulsions, Chapter 20, pp. 293-300 (1985).
	AB	Reymond, In Vitro In Vivo Model for the Absorption of Cyclosporin A (1986) (Translation).
	AC	Reymond and Sucker, Pharmaceutical Research, Vol. 5(10): 673-679 (1988).
	AD	Reymond et al., Pharmaceutical Research, Vol.5(10): 677-679 (1988).
	AE	Ritschel, et al., Pharmaceutical Research Vol. 5(10): PD 943: S-108 (1988).
	AF	Ritschel, et al., Methods and Findings in Experimental and Clinical Pharmacology, Vol. 11(4):281-87 (1989).
	AG	Ritschel, et al., Methods and Findings in Experimental and Clinical Pharmacology, Vol. 12, pp. 127-134 (1990).
	AH	W.A. Ritschel, Methods and Findings in Experimental and Clinical Pharmacology, Vol. 13, pp. 205-220 (1991).
	AI	Takada, 87-024,776/04 (4/4/85) (Derwent Abstr.).
	AJ	Takada, et al., J. Pharmacobio-Dyn. Vol. 8: 320-323 (1985).
	AK	Takada, et al., J. Pharmaceutical Research Vol. 3(1): 48-51 (1986).
	AL	Takada, et al., J. Pharmacobio-Dyn. Vol. 9: 156-160 (1986).
	AM	Takada, et al., J. Pharmacobio-Dyn. Vol. 11: 80-87 (1988).
AB	AN	Takada, et al., Intern'l Jour. of Pharmaceutics, Vol. 44: 107-116 (1988).

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AB	AA	Tarr, et al., Pharmaceutical Research, Vol. 6(1): 40-43 (1989).
AB	AB	Yanagawa, et al., J. Microencapsulation 6(2): 161-164 (1989).
AB	AC	Ziegenmeyer, et al., Acta Pharmaceutical Technologica, Vol. 26(4): 273-275 (1980).
	AD	
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ATTY. DOCKET NO.  
4-118-8353/A/PCT  
APPLICATION NO.  
09/077,231  
APPLICANT  
NEUER ET AL  
371 FILING DATE  
Not Yet Known

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
AP	AM	WO 9614079	5/17/96	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>
	AN	WO 9522982	8/31/95	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>
	AO	DE 3924207	1/26/90	Germany			<input type="checkbox"/> <input type="checkbox"/>
	AP	GB 2221157	1/31/90	Great Britain			<input type="checkbox"/> <input type="checkbox"/>
AB	AQ	WO 9112008	8/22/91	PCT International	WO		<input type="checkbox"/> <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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Sheet 2 of 2

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4-118-8363/A/PCT  
APPLICATION NO.  
09/077,231  
APPLICANT  
NEUER ET AL.  
371 FILING DATE  
Not Yet Known

Group

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
<i>AB</i>	AA	DE 4418115	12/1/94	Germany			<input type="checkbox"/> <input type="checkbox"/>
<i>AB</i>	AB	FR 2678169	12/31/92	France			<input type="checkbox"/> <input type="checkbox"/>
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